ABSTRACT

A method of tuning an inspection system. Characteristics of an inspection piece are sensed and analyzed to identify anomalies having level information. The level information is analyzed with an initial set of thresholds of inspection system parameters, and an initial portion of the anomalies are flagging as defects. A summary of the flagged

5   anomalies is displayed, and an operating curve of potential flagged defects versus threshold for at least one of the inspection system parameters is also displayed. The at least one of the inspection system parameters is selectively changed to form a modified set of thresholds, and the level information of the anomalies is analyzed with the modified set of thresholds. An updated portion of the anomalies is flagged as defects

10   based on the immediately preceding analysis of the level information, and a summary of the flagged anomalies is displayed along with the recomputed operating curves. The steps of selectively changing the thresholds and reflagging the defects are repeated as desired, and the modified set of thresholds of the inspection system parameters are stored for use in an inspection system recipe.

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